

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE		PAGE OF PAGES									
				1      3									
2. AMENDMENT/MODIFICATION NO. 000001		3. EFFECTIVE DATE 07/18/2007		4. REQUISITION/PURCHASE REQ. NO.									
5. PROJECT NO. (If applicable)		6. ISSUED BY CODE SSC		7. ADMINISTERED BY (If other than Item 6) CODE SSC									
NASA/Stennis Space Center Acquisition Management Office Building 1100 Room 251H Attn: Jake Jacobs Stennis Space Center MS 39529-6000		NASA/Stennis Space Center Acquisition Management Office Building 1100 Room 251H Attn: Jake Jacobs Stennis Space Center MS 39529-6000											
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)		9A. AMENDMENT OF SOLICITATION NO. (x) NNS07207284R 9B. DATED (SEE ITEM 11) 07/18/2007 10A. MODIFICATION OF CONTRACT/ORDER NO. 10B. DATED (SEE ITEM 11)											
CODE													
FACILITY CODE													
<b>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</b>													
X. The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input checked="" type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning <u>3</u> copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.													
12. ACCOUNTING AND APPROPRIATION DATA (If required)													
<b>13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.</b>													
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:10%; text-align: center;">CHECK ONE</td> <td>A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.</td> </tr> <tr> <td></td> <td>B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).</td> </tr> <tr> <td></td> <td>C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:</td> </tr> <tr> <td></td> <td>D. OTHER (Specify type of modification and authority)</td> </tr> </table>						CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.		B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).		C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:		D. OTHER (Specify type of modification and authority)
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	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:												
	D. OTHER (Specify type of modification and authority)												
<b>E. IMPORTANT:</b> Contractor <input type="checkbox"/> is not. <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.													
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)													
INCO TERMS 2: DESTINATION													

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		James D. Huk II	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		(Signature of Contracting Officer)	8/13/07

## NNS07207284R LOX Run Tank Amendment No.1

The purpose of this Amendment is to provide responses to those questions received regarding the subject procurement. **\*\*The date for receipt of proposals and all other terms and conditions remain unchanged\*\*.**

### Vendor Questions and Responses

Question 1. Will these be completely shop fabricated vessels with special shipping or is field fabrication a possibility?

Answer: Shop fabrication with special shipping is the preferred method. The A3 construction site at Stennis Space Center is accessible by river barge. Quotes should be broken down to show transportation cost separately.

Question 2. Requirement of 5 years of experience needs to be changed to 3 years of experience.

Answer: The requirement for 5 years of experience is changed to 3 years.

Question 3. It appears that this will not be a truck-transportable vessel so will require field assembly. Is that your expectation too? Will this project be for field assembly?

Answer: Shop fabrication with special shipping is the preferred method. The A3 construction site at Stennis Space Center is accessible by river barge. Quotes should be broken down to show transportation cost separately.

Question 4. We typically use ironworkers (union) for field erection; is that acceptable?

Answer: The use of union or nonunion workers is acceptable.

Question 5. Will you provide the pad and anchor bolts for the support skirt or is that to be included in the scope too?

Answer: The tanks will be installed vertically on a steel frame. Vessel manufacturer shall include support pads welded to the outer vessel and necessary bolts. Drawings will be provided with the detail specifications. Installation will be by others.

Question 6. Whether the vessels are to be horizontal or vertical.

Answer: Vertical

Question 7. The minimum and preferred liquid capacity as well as the total water volume.

Answer: LH Run Tank 130,000 gallon total water volume in a single vessel.  
Lox Run Tank 60,000 gallon total water volume in a single vessel.  
CSG Lox Tank 35,000 gallon total water volume in 3 each vessels.

Question 8. State if manways will be required and size.

Answer: A 36" diameter manway is required on the outer jacket leading to a 24" diameter manway on the inner vessel.

Question 9. Make provisions for price escalation due to unsettled conditions in the metals market and the unusually long duration of contract for these large vessels.

Answer: The contract will be firm fixed price.

Question 10. We would like to request an additional 3 weeks to prepare a proposal for the 130,000 gal LH Run Tank. We also request that the delivery schedule be relaxed to allow 13 months for delivery from date of award.

Answer: The proposal due date and contract performance period will remain unchanged.

Question 11. Is this a replacement for an existing tank? If yes, who was the fabricator?

Answer: This is not a replacement for an existing tank.